

Title (en)
Map displaying apparatus

Title (de)
Kartenanzeigegerät

Title (fr)
Dispositif d'affichage d'une carte

Publication
EP 1457949 A2 20040915 (EN)

Application
EP 04004965 A 20040303

Priority
JP 2003062406 A 20030307

Abstract (en)
A map displaying apparatus includes a map data storing unit that stores map data, a map drawing data generating unit that generates map drawing data, a sound data inputting unit that stores sound data and inputs sound data into the map drawing data generating unit, a drawing unit that carries out a drawing process for the map drawing data generated by the map drawing data generating unit to generate an image to be displayed on a screen, and a displaying unit that displays the image generated by the drawing unit on an actual screen. <IMAGE>

IPC 1-7
G09B 29/00; **G01C 21/26**

IPC 8 full level
G09B 29/00 (2006.01); **G01C 21/36** (2006.01); **G06T 17/05** (2011.01); **G09B 29/10** (2006.01)

CPC (source: EP US)
G01C 21/3638 (2013.01 - EP US); **G09B 29/10** (2013.01 - EP US)

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1457949 A2 20040915; **EP 1457949 A3 20050406**; JP 2004271901 A 20040930; US 2004176908 A1 20040909

DOCDB simple family (application)
EP 04004965 A 20040303; JP 2003062406 A 20030307; US 79187504 A 20040304